



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

PUBLICATIONS
OF
THE ACADEMY OF NATURAL SCIENCES
OF PHILADELPHIA.

Five volumes of the New Series of the Journal (Quarto) have been issued. The price per volume of four parts is \$6.00, or \$1.50 per part to subscribers; but each part may be obtained separately for \$2.00.

The First Series of the Journal, in eight volumes, octavo, may be obtained at \$16.00, or for separate volumes (Vol. I. excepted) \$2.25 per volume.

The First Series of the Proceedings of the Society, published in octavo, of which eight volumes were completed Dec. 31, 1856, may be obtained at \$16.00, or \$2.25 per volume, separately.

The Second Series of the Proceedings, commencing Jan. 1, 1857, (of which seven volumes were completed Dec. 31, 1863,) are published monthly, at \$2.00 per annum, payable in advance.

The Society has established a Publication Fund; any person who may contribute the sum of \$75, will receive, during life, the Journal, quarto, and the Proceedings, octavo; or separately, the Journal \$50, and the Proceedings \$25.

The Academy have a few copies of the following rare works, for sale at the prices affixed, a discount from which, of 12 per cent. to those purchasing five or more copies, will be made.


Michaux' North American Sylva, 2 vols. octavo, Philadelphia, 1841, with 156 uncolored plates, \$10.00.

Monograph of the Unionidæ of North America, by T. A. Conrad. Complete, with 60 colored plates, octavo, 1840, \$8.50.

Fossils of the Tertiary Formation of the United States, by T. A. Conrad. Complete, with 49 plates, octavo, 1838, \$5.00.

Description of Shells of North America, with 67 colored plates, by Thos. Say, 1830—34, \$10.50.

Application to be made to WM. S. VAUX, Chairman of the Publication Committee, 1700 Arch Street, or to the Librarian, at the Hall of the Academy, corner of Broad and Sansom Sts.

 Agents in London, TRÜBNER & CO.,
No. 60 Paternoster Row.

CONTENTS.

Critical Remarks on the Genera <i>Sebastes</i> and <i>Sebastodes</i> of Ayres. By Theodore Gill.....	145
Second Contribution to the Selachology of California. By Theodore Gill.....	147
Descriptions of new species of Marine Invertebrata from Puget Sound, collected by the Naturalists of the North-west Boundary Commission, A. H. Campbell, Esq., Commissioner. By Dr. Wm. Stimpson.....	153
The Influence of the Earth's Atmosphere on the Color of the Stars. By Jacob Ennis.....	161
Contributions to the Herpetology of Tropical America. By E. D. Cope.....	166